

## CD-VT2

### Portable CD Instrument/Vocal Trainer



The CD-VT2 is the latest introduction in the portable CD trainer line – a product category literally invented by Tascam. Like the popular original CD-VT1 trainer, singers and instrumentalists like woodwind, brass, and string players have the ability to slow down the tempo of a CD track without changing the pitch – allowing any artists, musicians, students, and music teachers to practice, learn and teach vocal harmonies, fast rap passages and complex melodies from their favorite music.

The CD-VT2 instrument/vocal trainer features an all new improved ultra-compact design, comprehensive LC display with graphical user interface, album title/track title indication by CD-Text, expanded effect banks for user preset, a chromatic tuner, 3 octaves tone oscillator, and Tascam's pioneering VSA feature (Variable Speed Audition, tempo control without affecting key).

With integrated pitch and key control, instrument/vocal canceller with selectable cancelling pan point and selectable frequency range, and seamless integration with CD-DA/CD-R/CD-RW disc playback, users can now discover the licks their favorite artist really played.

#### Main Features

- Portable CD instrument/vocal trainer (more compact than previous CD-VT1MKII)
- CD-DA/CD-R/CD-RW disc playback
- 10 second anti-shock memory
- Album title/Track title indication by CD-Text
- Elapsed Time/Remain Time display with bar meter
- +16 to -50% pitch control in 1% steps
- VSA (Variable Speed Audition, tempo control without affecting key)
- Key control:  $\pm 6$  semi-tones, in semi-tone steps with  $\pm 50$  cents fine tune
- Single play and continuous play
- Single Loop, All Loop, and seamless In-Out Loop
- Flash Back function (instant review up to 5 seconds prior playback)
- Instrument/Vocal Canceller with selectable cancelling pan point and selectable frequency range
- Effects processor for mic effects
- 5 effect banks for user preset
- Voice Changer raises or lowers the input signal by one octave
- Chromatic tuner with calibration (435–445 Hz)
- 3 octaves tone oscillator
- Metronome (BPM: 40 to 220, Beat: 2 to 6)
- Two 6.3-mm Mic inputs with common level control
- Mic input level indicator on display
- Controls for Mic 1 and Mic 2 input level and CD level on display
- 3.5-mm stereo line output
- 3.5-mm stereo headphone output
- Headphone volume control
- Mono monitor for CD (L+R, L, R)
- Split monitor (left channel: CD, right channel: mic 1/2 or vice versa)
- Comprehensive 128 x 64 dot matrix LC display with graphical user interface
- Battery operation
- Optional power supply Tascam [PS-P520E](#)

#### Specifications

**CD player**

Compatible CD formats	CD-DA (audio CD), CD-TEXT
Compatible media types	12cm/8cm CD, CD-R, CD-RW
A/D converter	24-bit
D/A converter	24-bit
Internal DSP calculations	32-bit
Sampling frequency	44.1 kHz
Quantization bit rate	16-bit linear
Frequency response	20 Hz – 20 kHz +0,5/-5 dB
S/N ratio	80 dB
Dynamic range	90 dB
Total harmonic distortion	< 0.05 % (200 Hz – 20 kHz)
Channel separation	80 dB

**Audio inputs and outputs**

Mic inputs 1, 2	6.3-mm (1/4") mono phone jack
Nominal input level	-40 dBV
Maximum input level	-19 dBV
Line output	3.5-mm (1/8") stereo minijack
Nominal output level	-10 dBV
Maximum output level	+6 dBV
Headphones output	3.5-mm (1/8") stereo minijack
Maximum output power	15 mW + 15 mW (into 32 Ω)

**Other characteristics**

Power supply	4 AA batteries or DC-5V (requires PS-P520 AC adapter sold separately)
Power consumption	2.5 W (during AC adapter use)
Dimensions (W x H x D)	194 mm x 39 mm x 138 mm
Weight	0.55 kg (excluding batteries)
Supplied accessories	Owner's manual, Warranty card

Design and specifications subject to change without notice.

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